



IFW  
PATENT  
P56909

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHEOL-HEE MOON

Serial No.: 10/669,748

Examiner: COLON, GERMAN

Filed: 25 September 2003

Art Unit: 2879

For: PLASMA DISPLAY PANEL

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**FOREIGN PATENT REFERENCE:**

- Korean Patent Publication No. 1996-0005684 to Cho, entitled MANUFACTURING METHOD OF PLASMA DISPLAY PANEL AND ELEMENT THEREOF, published 23 February 1996 (*English abstract attached*);
- Korean Patent Publication No. 2000-0039002 to Mun, entitled PLASMA DISPLAY PANEL, published 5 July 2000 (*English abstract attached*).

## **DISCUSSION**

**Cho KR'684**, according to the Korean Office action dated 30 August 2004 in applicant's patent priority application Serial No. 10-2002-0058892, relates to a plasma display panel comprises a substrate (R), an electrode (G, G'), a phosphor (P), an additional phosphor (P'), and a barrier rib (1). A barrier rib which divides the discharge area is formed on the substrate and an electrode is formed between the barrier rib and makes the discharge between the substrate and the electrode. A method of manufacturing the PDP comprises a step of forming a barrier rib on the substrate; a step of depositing cell phosphor between the barrier rib; and a step of forming an electrode on the upper part of the phosphor. The substrate is etched with a certain pattern and the barrier rib is in black color.

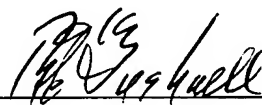
**Mun KR'002** relates to an upper substrate (21) and a lower substrate (22) which are made of glass provided in a plasma display panel(20). a common electrode (23a) and a scanning electrode (23b) are installed under the upper substrate (21). The common electrode (23a) and the scanning electrode (23b) are covered with a dielectric layer (24). A protecting layer (25) is formed on one surface of the dielectric layer (24). The lower substrate (22) is opposite to the upper substrate (21) and the lower substrate (22). A fluorescent layer (29) is coated between the cross wall (28).

Pursuant to 37 C.F.R. §1.97(c)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,



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Robert E. Bushnell

Reg. No.: 27,774

Attorney for the Applicant

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Folio: P56909

Date: 8/8/05

I.D.: REB/fw



# FREE TRANSMITTAL

Patent fees are subject to annual revision.

## Complete If Known

Application Number	10/669,748
Filing Date	25 September 2003
First Named Inventor	CHEOL-HEE MOON
Examiner Name	COLON, GERMAN
Group/Art Unit	2879

TOTAL AMOUNT OF PAYMENT	(\$) <u>180.00</u>	Attorney Docket No.	P56909
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## METHOD OF PAYMENT (check one)

### 1. ☒ Payment Enclosed:

(CHECK #49432)

☒ Check ☐ Credit Card ☐ Money Order  
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: 02-4943

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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### EXTENSION OF TIME FEES

1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$

### APPEAL

1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$

### CLAIMS

1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

**SUBTOTAL: LEFT COLUMN** \$0.00

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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### MISCELLANEOUS

1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$ 180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
1501	\$1,400	2501	\$685	Utility issue fee (or reissue)	\$
1504	\$300	1504	300	Publication fee for early, voluntary, or normal publication	\$
8021	\$40			Recordation of assignment per property	\$

### TRADEMARK

6001/7001	\$335			Application for registration, per class	\$
6002/7002	\$100			Amendment to Allege Use, per class	\$
6003/7003	\$100			Statement of Use, per class	\$
6004/7004	\$150			Request for six-month extension of time, per class	\$
6205/7205	\$100			\$8 affidavit, per class	\$
6208/7208	\$200			\$15 affidavit, per class	\$
6201/7201	\$400			Application for renewal, per class	\$
6403/7403	\$100			Ex parte appeal, per class	\$

### PETITION

1462	\$400			Petitions to Director (Group I)	\$
1463	\$200			Petitions to Director (Group II)	\$
1464	\$130			Petitions to Director (Group III)	\$
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$

### PATENT MAINTENANCE

1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

**SUBTOTAL: RIGHT COLUMN** \$180.00

## SUBMITTED BY

Typed or Printed Name	Robert E. Bushnell, Esq.
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Signature	<i>Robert E. Bushnell</i>
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Date	8 August 2005
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## Complete (if applicable)

Reg. Number	27,774
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Deposit Account User ID	
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REB/fw

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**INFORMATION DISCLOSURE STATEMENT****PTO-1449 (PAGE 1 OF 1)****SERIAL NUMBER** 10/669,748**DOCKET NO.** P56909**APPLICANT** CHEOL-HEE MOON**FILING DATE** 25 September 2003**GROUP** 2879**U.S. PATENT DOCUMENTS**

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

**FOREIGN PATENT DOCUMENTS****TRANSLATION**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	KR1996-0005684	02/1996	KOREA			Abstract	
	KR2000-0039002	07/2000	KOREA			Abstract	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**


**EXAMINER:****DATE CONSIDERED:**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.